#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: TUMEY, David

Examiner: TRUONG, Llinh T.

Group Art Unit: 3761

Serial No.:10/090,358

Attorney Docket No.: VAC.702.US

Filed:

March 4, 2002

For: VACUUM ASSISTED WOUND TREATMENT APPARATUS AND INFECTION **IDENTIFICATION SYSTEM AND METHOD** 

37 C.F.R. § 1.8

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TECHNOLOGY CENTER R3700

In compliance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant submits herewith a Form PTO/SB/08A and a copy of the references listed thereon. This Information Disclosure Statement is being filed more than three months after the filing date of the application. This Information Disclosure Statement is being filed in accordance with 37 C.F.R. §1.97(c)(2). The Commissioner is authorized to charge the required fees to deposit account no. § 500326 500326.

03/31/2004 ANABI1 00000097 500326

Applicant respectfully requests full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent that issues therefrom.

Respectfully submitted,

Robert W. Mason Reg. No. 42,848

Attorney for the Applicant

Telephone: (210) 255-6271 Facsimile: (210) 255-6969

Enclosures: Form PTO/SB/08A (5 pages)

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INFORMATION DISCLOSURE

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Complete if Known

Application Number 10/090,358

Filing Date March 4, 2002

First Named Inventor TUMEY, David

Art Unit 3761

Examiner Name TRUONG, Llinh T.

STATEMENT BY APPLICANT
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Sheet 1 of 6 Attorney Docket Number VAC.702.US

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures (Dagar |
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|                       |                          | <sup>US-</sup> 1355846                                   | 10-19-1920                  | Rannells   | Figs. 1,2   |
|                       |                          | <sup>US-</sup> 2547758                                   | 04-03-1951                  | Keeling  | Fig. 2 App  |
|                       |                          | <sup>US-</sup> 2632443                                   | 03-24-1953                  | Lesher   | Fig. 2  Figs. 2  Figs. 1-6  Figs. 1, 4  Fig. 1                                  |
|                       |                          | <sup>US-</sup> 2682873                                   | 07-06-1954                  | Evans et al.                                       | Fig. 2  |
|                       |                          | <sup>US-</sup> 2969057                                   | 01-24-1961                  | Simmons  | Figs. 1-6   |
|                       |                          | <sup>US-</sup> 3367332                                   | 02-06-1968                  | Groves   | Figs. 1, 4  |
|                       |                          | <sup>US-</sup> 3648692                                   | 03-14-1972                  | Wheeler  | Fig. 1  |
|                       |                          | <sup>US-</sup> 3682180                                   | 08-08-1972                  | McFarlane  | Fig. 3  |
|                       |                          | US- 3826254  | 07-30-1974                  | Mellor   | Fig. 2  |
|                       |                          | <sup>US-</sup> 4080970                                   | 03-28-1978                  | Miller   | Column 1 - Column 3   |
|                       |                          | <sup>US-</sup> 4096853                                   | 06-27-1978                  | Weigand  | Column 3, Lines 2-20  |
|                       |                          | <sup>US-</sup> 4139004                                   | 02-13-1979                  | Gonzalez   | Column 4  |
|                       |                          | <sup>US-</sup> 4165748                                   | 08-28-1979                  | Johnson  | Fig. 2  |
|                       |                          | US- 4245630  | 01-20-1981                  | Lloyd et al.                                       | Fig. 1  |
|                       |                          | US- 4261363  | 04-14-1981                  | Russo  | Figs. 1, 4, 5   |
|                       |                          | US- 4275721  | 06-30-1981                  | Olson  | Fig. 1  |
| •                     |                          | <sup>US-</sup> 4284079                                   | 08-18-1981                  | Adair  | Fig. 3  |
|                       |                          | <sup>US-</sup> 4297995                                   | 11-03-1981                  | Golub  | Fig. 1  |
|                       |                          | <sup>US-</sup> 4333468                                   | 06-08-1982                  | Geist  | Fig. 2, 4   |

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|                    |              | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  | Or Relevant Figures Appear                        | T <sup>6</sup> |
|                    |              | AU-550575-A1  | 08-26-1982          | Wright   | P.4, lines 7-10                                   |                |
|                    |              | EP-0100148  | 02- 1984            |  | Abstract  |                |
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| Application Number                 | 10/090,358                             |
| Filing Date                        | March 4, 2002                          |
| First Named Inventor               | TUMEY, David Cy                        |
| Art Unit                           | 3761                                   |
| Examiner Name                      | TRUONG, Llinh T.                       |
| Attorney Docket Number             | VAC.702.US                             |

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|                       |                          | <sup>US-</sup> 4373519                                   | 02-15-1983                              | Errede et al.                                      | Column 4  |
|                       |                          | <sup>US-</sup> 4382441                                   | 05-10-1983                              | Svedman  | Figs. 3-5   |
|                       |                          | <sup>US-</sup> 4392853                                   | 07-12-1983                              | Muto   | Fig. 11   |
|                       |                          | <sup>US-</sup> 4392858                                   | 07-12-1983                              | George et al.                                      | Column 3, Lines 5-58  |
|                       |                          | <sup>US-</sup> 4419097                                   | 12-06-1983                              | Rowland  | Fig. 8  |
|                       |                          | <sup>US-</sup> 4475909                                   | 10-09-1984                              | Eisenberg  | Figs. 1, 3, 6   |
|                       |                          | <sup>US-</sup> 4480638                                   | 11-06-1984                              | Schmid   | Figs. 2, 3  |
|                       |                          | <sup>US-</sup> 4525166                                   | 06-25-1985                              | Leclerc  | Column 5-6  |
|                       |                          | <sup>US-</sup> 4525374                                   | 06-25-1985                              | Vailancourt  |   |
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|                       |                          | <sup>US-</sup> 4543100                                   | 09-24-1985                              | Brodsky  | Fig. 4  |
|                       |                          | <sup>US-</sup> 4551139                                   | 11-05-1985                              | Plaas et al.                                       | C1, L 66 - C2, L68  |
|                       |                          | <sup>US-</sup> 4569348                                   | 02-11-1986                              | Hasslinger   | C2, L50 - C4, L 27  |
|                       |                          | us- 4605399  | 08-12-1986                              | Weston et al.                                      | Fig. 3  |
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|                       |                          | US- 4640688  | 02-03-1987                              | Hauser   | Fig. 2  |
|                       |                          | <sup>US-</sup> 4655754                                   | 04-07-1987                              | Richmond et al.                                    | Column 1, Line 39-44  |
| -                     |                          | <sup>US-</sup> 4733659                                   | 03-29-1988                              | Edenbaum et al.                                    | Fig. 1  |
|                       |                          | US- 4743232  | 05-10-1988                              | Kruger   | Figs. 2-4   |

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| Application Number     | 10/090,358       |  |  |
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| First Named Inventor   | TUMEY, David     |  |  |
| Art Unit               | 3761             |  |  |
| Examiner Name          | TRUONG, Llinh T. |  |  |
| Attorney Docket Number | VAC.702.US       |  |  |

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|                       |                          | <sup>US-</sup> 4787888                                   | 11-29-1988                     | Fox  | Figs. 1, 4-6  |
|                       |                          | <sup>US-</sup> 4826949                                   | 05-02-1989                     | Richmond et al.                                    | Column 1  |
|                       |                          | <sup>US-</sup> 4838883                                   | 06-13-1989                     | Matsuura   | Fig. 7  |
|                       |                          | <sup>US-</sup> 4840187                                   | 06-20-1989                     | Brazier  | Column 2, Line 34-42  |
|                       |                          | <sup>US-</sup> 4863449                                   | 09-05-1989                     | Therriault et al.                                  | Column 3, Line 45-68  |
|                       |                          | <sup>US-</sup> 4872450                                   | 10-10-1989                     | Austad   | Column 3-4  |
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|                       |                          | <sup>US-</sup> 4906240                                   | 03-06-1990                     | Reed et al.  | Fig. 1  |
|                       |                          | <sup>US-</sup> 4919654                                   | 04-24-1990                     | Kalt   | Column 3, Line 8-39   |
|                       |                          | <sup>US-</sup> 4941882                                   | 07-17-1990                     | Ward et al.  | Column 3, Line 38-64  |
|                       |                          | <sup>US-</sup> 4953565                                   | 09-04-1990                     | Tachibana et al.                                   | Fig. 1  |
|                       |                          | US- 4969880  | 11-13-1990                     | Zamierowski  | Figs. 1-10  |
|                       |                          | US- 4985019  | 01-15-1991                     | Michelson  | Column 1, Line 47-58  |
|                       |                          | <sup>US-</sup> 5037397                                   | 08-06-1991                     | Kalt et al.  | Figs.1, 2, 4, 6   |
|                       |                          | <sup>US-</sup> 5100396                                   | 03-31-1992                     | Zamierowski  | Figs. 1-10  |
|                       |                          | <sup>US-</sup> 5149331                                   | 09-22-1992                     | Ferdman et al.                                     | Column 2, Line 12-34  |
|                       |                          | <sup>US-</sup> 5167613                                   | 12-01-1992                     | Karami et al.                                      | Figs. 4-5   |

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Sheet 4

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| Application Number     | 10/090,358      | 1    |
| Filing Date            | March 4, 2002   | Apr  |
| First Named Inventor   | TUMEY, Daw      | 77   |
| Art Unit               | 3761            | 0/0  |
| Examiner Name          | TRUONG, Llinh T | GY C |
| Attorney Docket Number | VAC.702.US      | CEN  |

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|                       |                          | <sup>US-</sup> 5176663                                   | 01-05-1993                  | Svedman et al                                      | C1, L55 - C2, L8  |
|                       |                          | <sup>US-</sup> 5232453                                   | 08-03-1993                  | Plass et al.                                       | Fig. 2, 5   |
|                       |                          | <sup>US-</sup> 5261893                                   | 11-16-1993                  | Zamierowski  | Figs. 1, 13, 16   |
|                       |                          | <sup>US-</sup> 5298015                                   | 03-29-1994                  | Komatsuzaki et al.                                 | Abstract  |
|                       |                          | <sup>US-</sup> 5344415                                   | 09-06-1994                  | Debusk et al.                                      | Column 2, Line 9 -42  |
| ···                   |                          | <sup>US-</sup> 5358494                                   | 10-25-1994                  | Svedman  | Column 2, Line 34-47  |
|                       |                          | US- 5527293  | 06-18-1996                  | Zamierowski  | C11, L 62 - C12, L37  |
|                       |                          | <sup>US-</sup> 5556375                                   | 09-17-1996                  | Ewall  | C3, L62 - C4, L65   |
|                       |                          | <sup>US-</sup> 5607388                                   | 03-04-1997                  | Ewall  | Column 3-4  |
|                       |                          | <sup>US-</sup> 5636643                                   | 06-10-1997                  | Argenta et al.                                     | C6, Lines 18 - 64   |
|                       |                          | <sup>US-</sup> 5645081                                   | 07-08-1997                  | Argenta et al.                                     | C4, L28 - C5, L22   |
|                       |                          | <sup>US-</sup> 6071267                                   | 06-06-2000                  | Zamierowski  | Figs. 1-3   |
|                       |                          | <sup>US-</sup> 6135116                                   | 10-24-2000                  | Vogel et al.                                       | Column 9  |
|                       |                          | <sup>US-</sup> 20020115951 A1                            | 08-22-2002                  | Norstream et al.                                   |   |
|                       |                          | US- 20020120185 A1                                       | 08-29-2002                  | Johnson  | Fig. 3  |
|                       |                          | <sup>US-</sup> 20020143286 A1                            | 10-03-2002                  | Tumey  | Paragragh 26  |
|                       |                          | <sup>US-</sup> 6488643                                   | 12-03-2002                  | Tumey et al.                                       |   |
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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|------------------------|------------------|-------|
| Application Number     | 10/090,358       | AP    |
| Filing Date            | March 4, 2002    | ٠٣٠   |
| First Named Inventor   | TUMEY, David     | NOV   |
| Art Unit               | 3761             | COV   |
| Examiner Name          | TRUONG, Llinh T. | ENT   |
| Attorney Docket Number | VAC.702.US       |       |

|                       |              |  |                              | T DOCUMENTS  |   |
|-----------------------|--------------|--|------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date  MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |              | <sup>US-</sup> 5583281                                   | 12-10-1996                   | Yu   | Figs. 1, 2A-2C  |
|                       |              | <sup>US-</sup> 5811255                                   | 09-22-1998                   | Hunter, et al.                                     | Fig. 13, Column 42  |
|                       |              | US- 6188067  | 02-13-2001                   | Chutjian, et al                                    | Fig. 4  |
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| Examiner<br>Initials* | Cite<br>No.1 | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |                |
|                       |              | Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  | Or Relevant Figures Appear                        | T <sup>6</sup> |
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| Examiner  | Date       |  |
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| Signature | Considered |  |

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| INFOR  | MATION          | DIS       | CLOSURE   | Filing Date            | March 4, 2002     | RED         |
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|  | oso as many she | 013 43 11 | cocssury) | Examiner Name          | TRUONG, Llinh T.  | NOLOGY CLOS |
| Sheet  | ô               | of        | 6         | Attorney Docket Number | VAC.702.US        | CENTED      |

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|                       |                          | OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS   |      |
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                           | T²   |
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|                       |                          | S.E. GREER, et al.; The Use of Subatmospheric Pressure Dressing Therapy to Clos Lymphocutaneous Fistulas of the Groin; British Journal of Plastic Surgery (2000), 53, pg 484-487, Article No. BJPS2000.3360, Elsevier Science/The British Association of Plastic Surgeons, United Kingdom |      |
|                       |                          | GEORGE V. LETSOU, M.D., et al; Stimulation of Adenylate Cyclase Activity in Cultured Endothelial Cells Subjectied to Cyclic Stretch; Journal of Cardiovascular Surgery, 31, 1990, pages 634-639; Edizonia Minerva Medica, Torino, Italy   |      |
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